



#11

NB 2017SEQ.txt

## SEQUENCE LISTING

<110> Shepard, H. Michael  
Lackey, David B.  
Cathers, Brian E.  
Sergeeva, Maria V.

<120> METHODS FOR IDENTIFYING THERAPEUTIC  
TARGETS FOR TREATING INFECTIOUS DISEASE

<130> NB-201700

<140> US 09/910,345

<141> 2001-07-20

<150> US 60/219,598

<151> 2000-07-20

<150> US 60/244,953

<151> 2000-11-01

<150> US 60/276,728

<151> 2001-03-16

<160> 12

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 60

<212> PRT

<213> Pseudomonas aeruginosea

<220>

<221> NON\_TER

<222> 1,60

<400> 1

Arg Asn Gly Gly Gln Ile Leu Val Glu Ala Leu Arg Arg Asn Ala Val  
1 5 10 15  
Asp Thr Val Tyr Cys Ile Pro Gly Glu Ser Tyr Leu Pro Val Leu Asp  
20 25 30  
Ala Leu Tyr Asp Thr Asp Gly Ile Arg Thr Val Val Thr Arg His Glu  
35 40 45  
Gly Ala Ala Ser Asn Met Ala Asp Ala Tyr Gly Lys  
50 55 60

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<211> 21

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<213> Artificial Sequence

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<221> NON\_CONS

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Arg Gly Gly Leu Arg Val Gly Pro Leu Ala Gly Ile Arg Val Thr Arg  
1 5 10 15  
His Glu Ala Asp Ala

<210> 3  
 <211> 59  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> NON\_TER  
 <222> 1,59  
 <221> NON\_CONS  
 <222> (34)...(35)

<400> 3  
 Arg His Gly Gly Glu Asn Val Ala Ala Val Leu Arg Ala His Gly Val  
 1 5 10 15  
 Arg Phe Ile Phe Thr Leu Val Gly Gly His Ile Ser Pro Leu Leu Val  
 20 25 30  
 Ala Cys Glu Lys Leu Gly Ile Arg Val Val Asp Thr Arg His Glu Val  
 35 40 45  
 Thr Gly Val Phe Ala Ala Asp Ala Met Ala Arg  
 50 55

<210> 4  
 <211> 60  
 <212> PRT  
 <213> Pseudomonas aeruginosea

<220>  
 <221> NON\_TER  
 <222> 1,60

<400> 4  
 Leu Thr Gly Arg Pro Gly Ile Cys Phe Val Thr Arg Gly Pro Gly Ala  
 1 5 10 15  
 Thr His Ala Ala Asn Gly Val His Thr Ala Gln Gln Asp Ser Thr Pro  
 20 25 30  
 Met Ile Leu Phe Val Gly Gln Val Glu Ser Ala Phe Lys Gly Arg Glu  
 35 40 45  
 Ala Phe Gln Glu Val Asp Tyr Val Gln Met Phe Ser  
 50 55 60

<210> 5  
 <211> 21  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <221> NON\_CONS  
 <222> 1-2,2-3,3-4,5-6,8-9,9-10,10-11,12-13,13-14,14-15,15-16,16-17,  
 17-18,18-19,20-21

<400> 5  
 Leu Gly Gly Val Thr Gly Pro Gly Thr Val Ala Gln Pro Leu Gly Arg  
 1 5 10 15  
 Ala Gln Val Asp Phe  
 20

<210> 6  
 <211> 60  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> NON\_TER  
 <222> 1,60

<400> 6  
 Leu Ser Gly Thr Val Gly Val Ala Ala Val Thr Ala Gly Pro Gly Leu  
 1 5 10 15  
 Thr Asn Thr Val Thr Ala Val Lys Asn Ala Gln Met Ala Gln Ser Pro  
 20 25 30  
 Ile Leu Leu Leu Gly Gly Ala Ala Ser Thr Leu Leu Gln Asn Arg Gly  
 35 40 45  
 Ala Leu Gln Ala Val Asp Gln Leu Ser Leu Phe Arg  
 50 55 60

<210> 7  
 <211> 55  
 <212> PRT  
 <213> Pseudomonas aeruginosa

<220>  
 <221> NON\_TER  
 <222> 1,55

<400> 7  
 Gly Leu Ala Lys Trp Ala Val Glu Ile Asp Arg Ile Glu Arg Ile Pro  
 1 5 10 15  
 Glu Ile Val Gly Arg Ala Phe Ser Val Ala Thr Ser Gly Arg Pro Gly  
 20 25 30  
 Pro Val Val Val Ala Leu Pro Glu Glu Ile Leu Phe Gly Ser Ala Gln  
 35 40 45  
 Val Ala Asp Ala Pro Glu Pro  
 50 55

<210> 8  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> NON\_CONS  
 <222> 1-2,2-3,3-4,4-5,5-6,6-7,8-9,12-13,13-14,15-16,16-17,17-18

<400> 8  
 Leu Lys Val Arg Ile Ala Ser Gly Pro Gly Pro Val Val Leu Pro Leu  
 1 5 10 15  
 Val Pro

<210> 9  
 <211> 55  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> NON\_TER

&lt;222&gt; 1,55

&lt;221&gt; VARIANT

&lt;222&gt; 22

&lt;223&gt; Xaa = Any Amino Acid

&lt;400&gt; 9

Pro	Leu	Cys	Lys	Phe	Cys	Val	Ser	Val	Pro	Arg	Val	Arg	Asp	Ile	Val
1				5					10				15		
Pro	Thr	Leu	Arg	Ala	Xaa	Met	Ala	Ala	Ala	Gln	Ser	Gly	Thr	Pro	Gly
		20					25						30		
Pro	Val	Phe	Val	Glu	Leu	Pro	Val	Asp	Val	Leu	Tyr	Pro	Phe	Phe	Met
		35				40						45			
Val	Gln	Lys	Glu	Met	Val	Pro									
	50					55									

&lt;210&gt; 10

&lt;211&gt; 54

&lt;212&gt; PRT

&lt;213&gt; Pseudomonas aeruginosa

&lt;220&gt;

&lt;221&gt; NON\_TER

&lt;222&gt; 1,54

&lt;400&gt; 10

Leu	Leu	Leu	Glu	Asn	Glu	Pro	Gly	Ala	Leu	Ser	Arg	Val	Val	Gly	Leu
1				5					10					15	
Phe	Ser	Gln	Arg	Asn	Tyr	Asn	Ile	Glu	Ser	Leu	Thr	Val	Ala	Pro	Thr
		20					25						30		
Glu	Asp	Pro	Thr	Leu	Ser	Arg	Leu	Thr	Leu	Thr	Thr	Val	Gly	His	Asp
		35					40					45			
Glu	Val	Ile	Glu	Gln	Ile										
		50													

&lt;210&gt; 11

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; NON\_CONS

&lt;222&gt; 3-4,5-6,6-7,8-9,9-10,10-11,12-13,13-14,15-16,17-18

&lt;400&gt; 11

Leu	Leu	Leu	Pro	Gly	Leu	Arg	Asn	Asn	Ala	Asp	Pro	Leu	Gly	His	Glu
1				5					10					15	
Val	Ile														

&lt;210&gt; 12

&lt;211&gt; 53

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; NON\_TER

&lt;222&gt; 1,53

&lt;221&gt; NON\_CONS

<222> (42)...(43)

NB 2017SEQ.txt

<400> 12

Leu	Leu	Leu	Leu	Ser	Leu	Pro	Gly	Leu	Ala	Ala	Gly	Ile	Thr	Ile	Leu
1				5					10					15	
Leu	Thr	Asp	Arg	Asn	Leu	Asn	Thr	Thr	Phe	Phe	Asp	Pro	Ala	Gly	Gly
		20						25					30		
Gly	Asp	Pro	Ile	Leu	Tyr	Gln	His	Leu	Phe	Ile	Phe	Gly	His	Pro	Glu
	35						40					45			
Val	Tyr	Asn	Arg	Ile											
	50														